

Fig.1

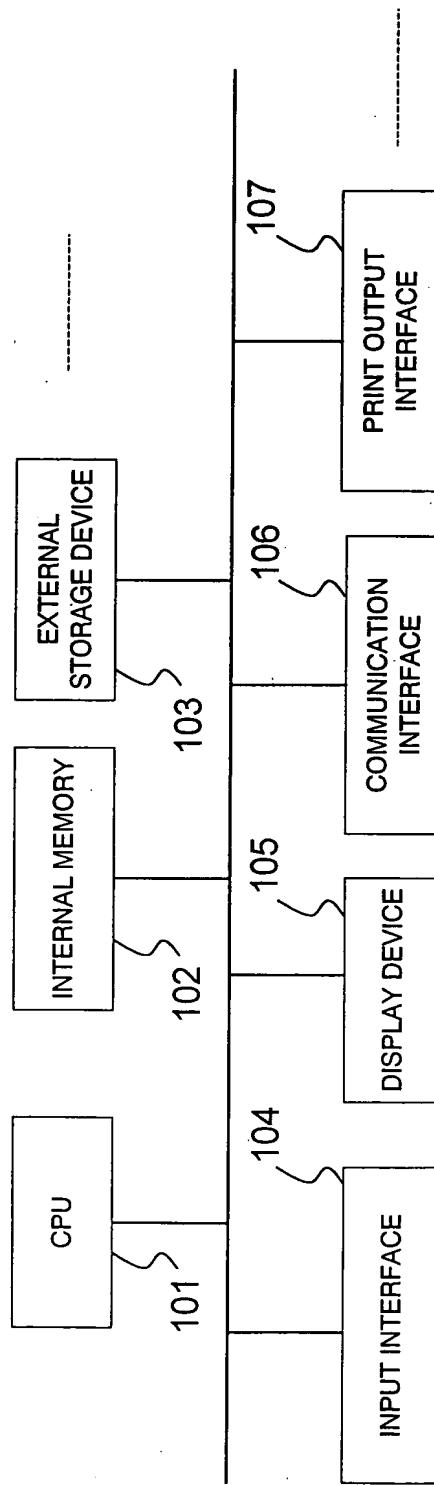


Fig.2

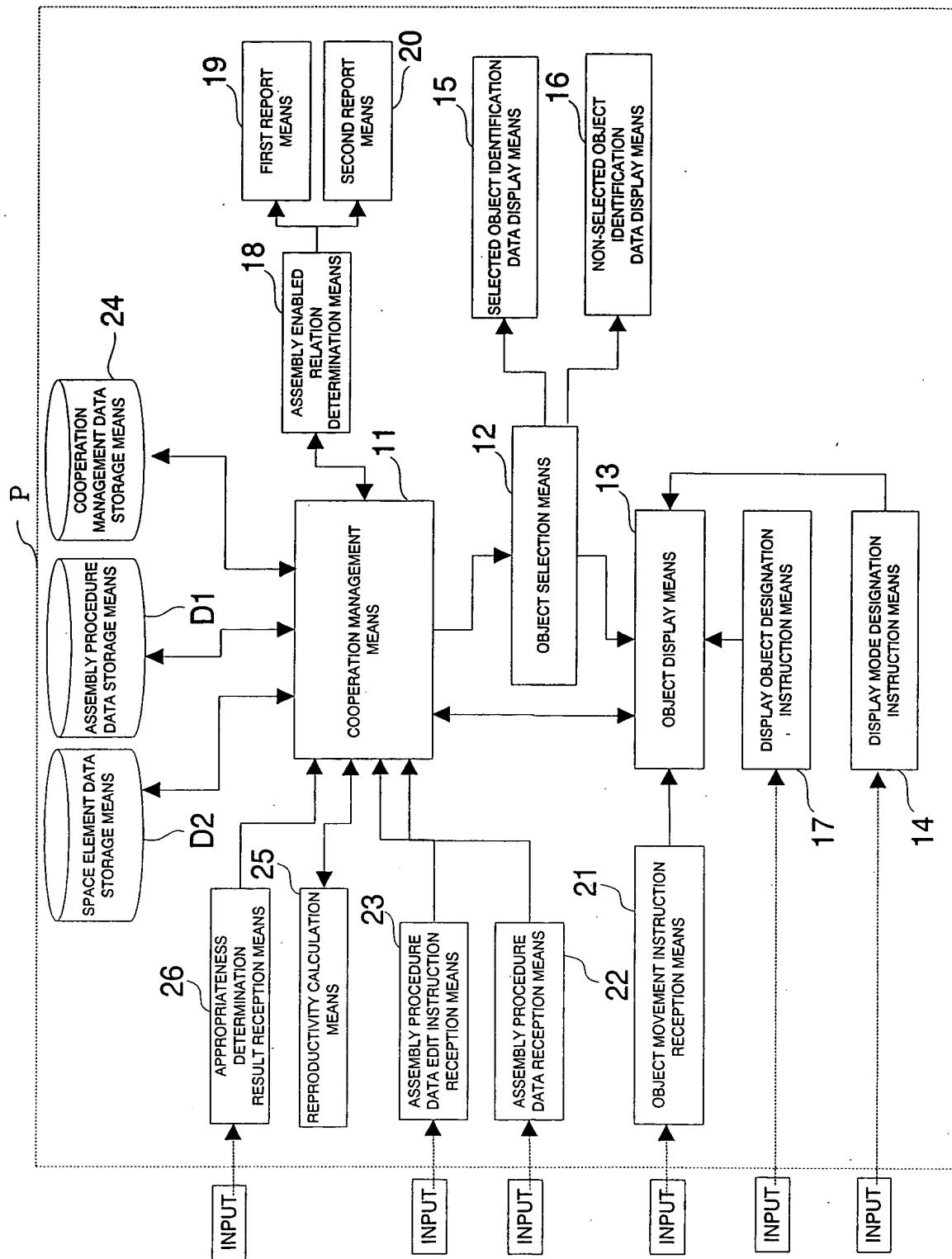


Fig.3

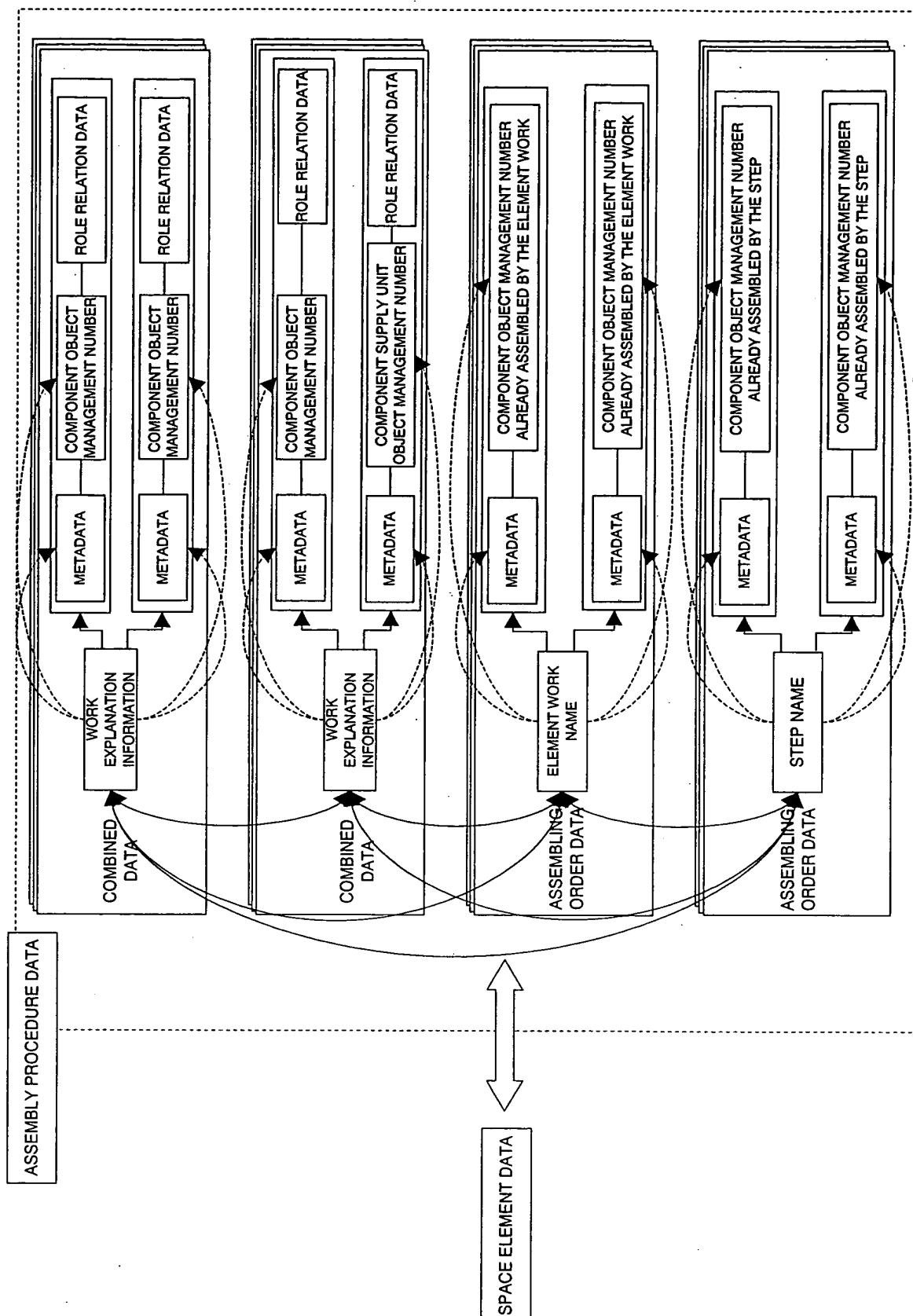


Fig.4

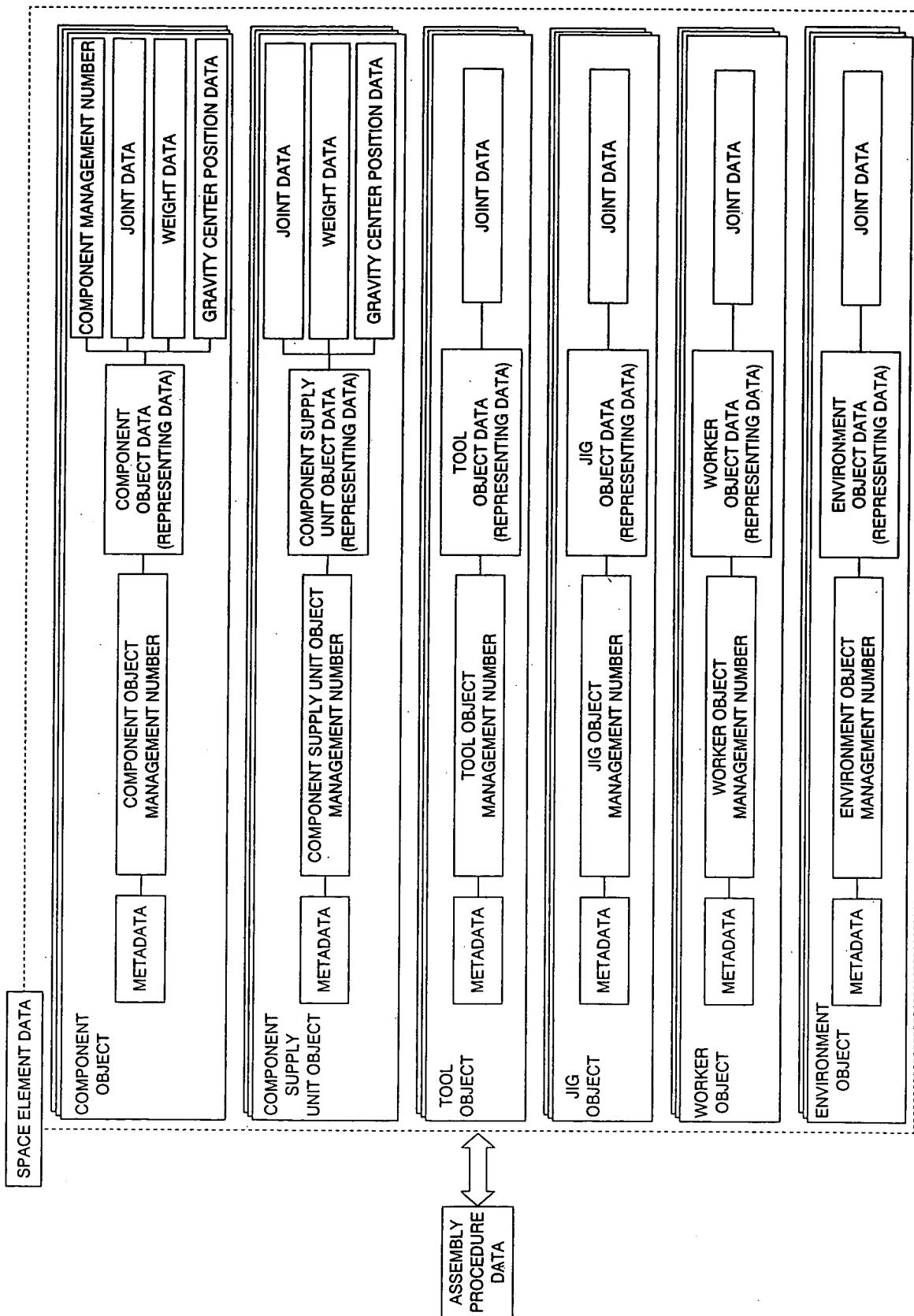


Fig.5

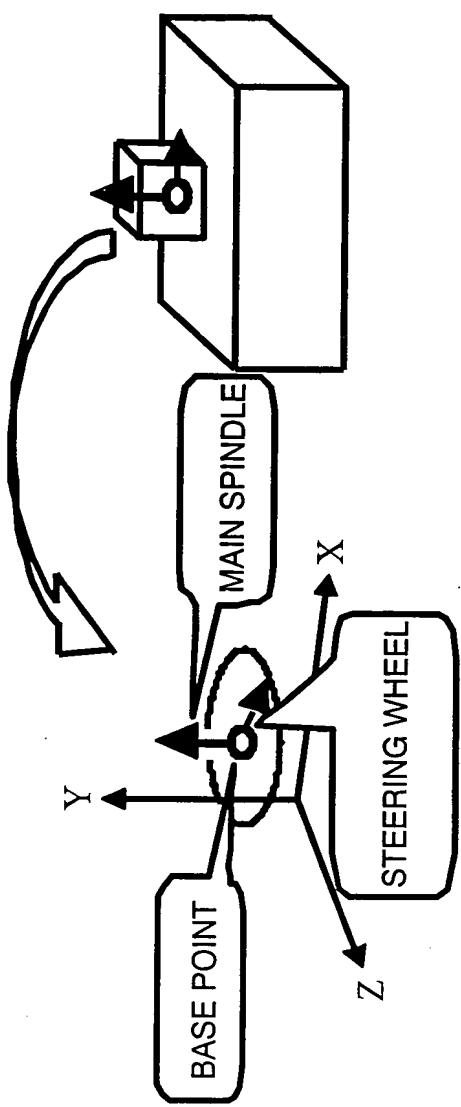
DATA RELATED TO THE COMPONENT		DATA RELATED TO THE OTHER COMPONENT		ASSEMBLY PROCEDURE DATA	
COMPONENT OBJECT MANAGEMENT NUMBER	COMPONENT OBJECT IDENTIFICATION DATA	METADATA OF THE OTHER ASSEMBLY ENABLED COMPONENT		ROLE RELATION DATA	
		COMPONENT NUMBER OF COMPONENT IN REAL SPACE	RELATION OF ONE COMPONENT TO THE OTHER COMPONENT DURING ASSEMBLY	RELATION OF ONE COMPONENT TO THE OTHER COMPONENT DURING ASSEMBLY	ELEMENT WORK NAME OF ELEMENT WORK WHEREBY ONE COMPONENT AND THE OTHER COMPONENT ARE ALREADY ASSEMBLED
A 0 0 1	Bnet	a 0 0 1	AIRCLN	COVERING SIDE	P 1
			HAIH	COVERING SIDE	P 2
			CAIH	COVERING SIDE	P 3
A 0 0 2	FRONT BRKLM	a 0 0 2	BOX FOR FRONT BRKLM	SIDE OF BEING COVERED	P 4
			BLTS FOR FRONT BRKLM	SIDE OF BEING COVERED	P 4
			W FOR FRONT BRKLM	SIDE OF BEING COVERED	P 4

NOTE	METADATA	FORMAL NAME OF COMPONENT
	BNET	BONNET
	AIRCLN	AIR CLEANER
	HAIH	HOT AIR INTAKE HOSE
	CAIH	COOL AIR INTAKE HOSE
	FRONT BRKLM	FRONT BRAKE LAMP
	BOX FOR FRONT BRKLM	HOUSING BOX FOR FRONT BRAKE LAMP
	BLTS FOR FRONT BRKLM	M5 BOLT FOR FRONT BRAKE LAMP
	W FOR FRONT BRKLM	WASHER FOR FRONT BRAKE LAMP

6/27

Fig. 6



7/27

Fig.7

ELEMENT WORK NAME	COMPONENT OBJECT MANAGEMENT NUMBER OF COMPONENT ALREADY ASSEMBLED BY ELEMENT WORK		
	P1	A 001	A 002
P2	A 001	A 002	A 003
P3	A 001	A 002	A 003
P4	A 001	A 002	A 003
P5	B 001	B 002	
P6	B 001	B 002	B 003
P7	B 001	B 002	B 003
P8	B 001	B 002	B 003

8/27

Fig.8

STEP NAME	COMPONENT OBJECT MANAGEMENT NUMBER OF COMPONENT ALREADY ASSEMBLED IN THE STEP			
K 1	A 0 0 1	A 0 0 2	A 0 0 3	A 0 0 4
K 2	A 0 0 1	A 0 0 2	A 0 0 3	A 0 0 4
K 3	B 0 0 1	B 0 0 2	B 0 0 3	
K 4	B 0 0 1	B 0 0 2	B 0 0 3	B 0 0 4
K 5	C 0 0 1	C 0 0 2	C 0 0 3	C 0 0 4
K 6	C 0 0 1	C 0 0 2	C 0 0 3	C 0 0 4

9/27

Fig. 9

COMPONENT OBJECT MANAGEMENT NUMBER	METADATA	COMPONENT OBJECT DATA(Representing Data)	JOINT DATA	MASS DATA	GRAVITY CENTER POSITION DATA	COMPONENT NUMBER
A 0 0 1						a 0 0 1
A 0 0 2						a 0 0 2
A 0 0 3						a 0 0 3
A 0 0 4						a 0 0 4
A 0 0 5						a 0 0 5
A 0 0 6						a 0 0 6

Fig. 10

COMPONENT SUPPLY UNIT OBJECT MANAGEMENT NUMBER	METADATA	COMPONENT SUPPLY UNIT OBJECT DATA(Representing Data)	JOINT DATA	MASS DATA	GRAVITY CENTER POSITION DATA
BKT001					
BKT002					
BKT003					
BKT004					
BKT005					
BKT006					
BKT007					
BKT008					

11/27

Fig.11

COMPONENT SUPPLY UNIT OBJECT MANAGEMENT NUMBER	METADATA	COMPONENT NUMBER OF COMPONENT SUPPLY UNIT IN REAL SPACE	COMPONENT OBJECT MANAGEMENT NUMBER WHICH CAN BE HELD
BKT001	PLT1	bkt001	A001 A002 A003 A004 A005
BKT002	PLT2	bkt002	A001 A002 A003

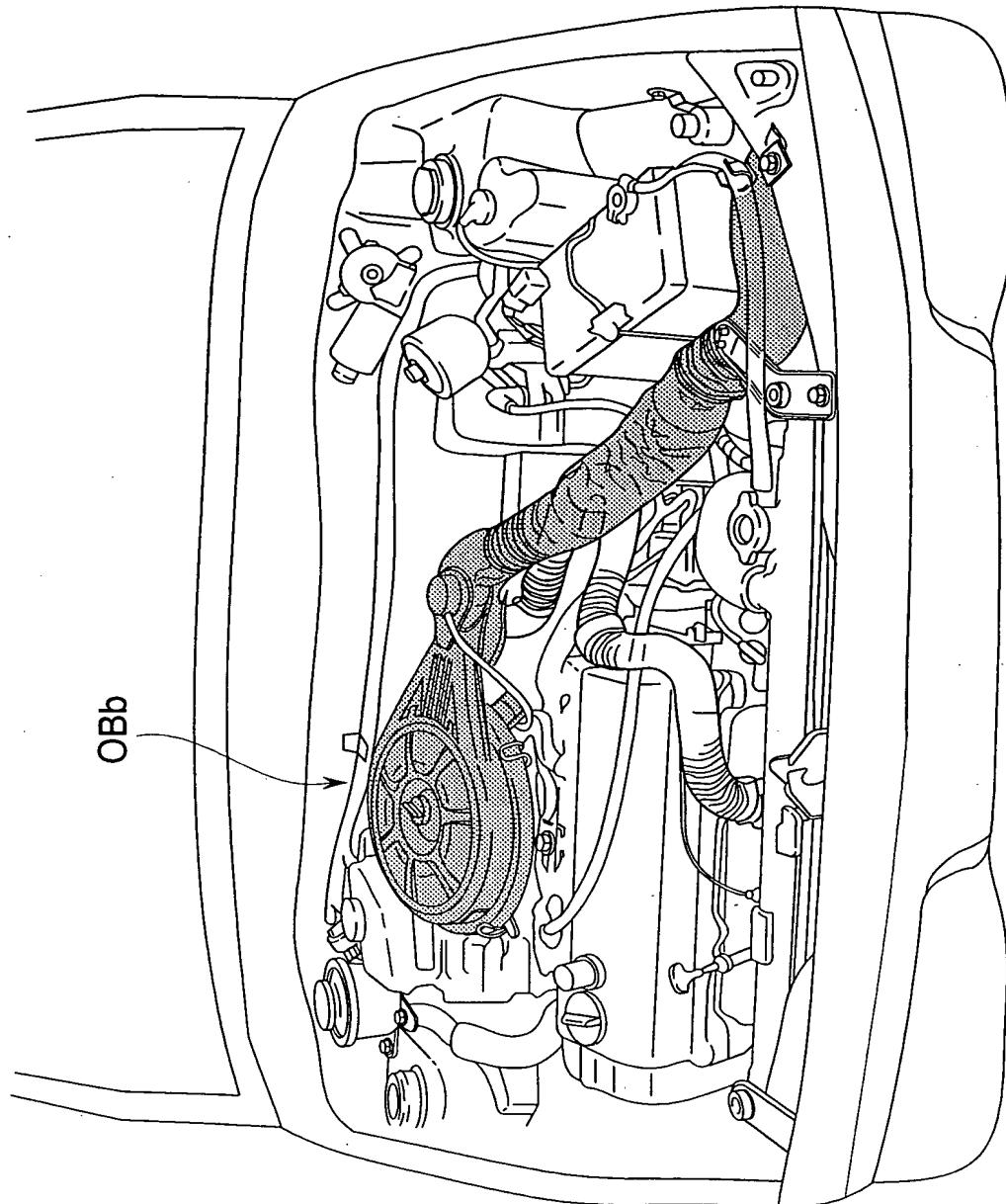
12/27

Fig.12

COMPONENT OBJECT MANAGEMENT NUMBER	METADATA	COMPONENT NUMBER OF COMPONENT IN REAL SPACE	COMPONENT NUMBER OF ASSEMBLY-ENABLED COMPONENT
A 0 0 1	B R K	a 0 0 1	B 0 0 1 B 0 0 2 B 0 0 3
A 0 0 2	B R K L M P	a 0 0 2	B 0 0 4 B 0 0 5 B 0 0 6

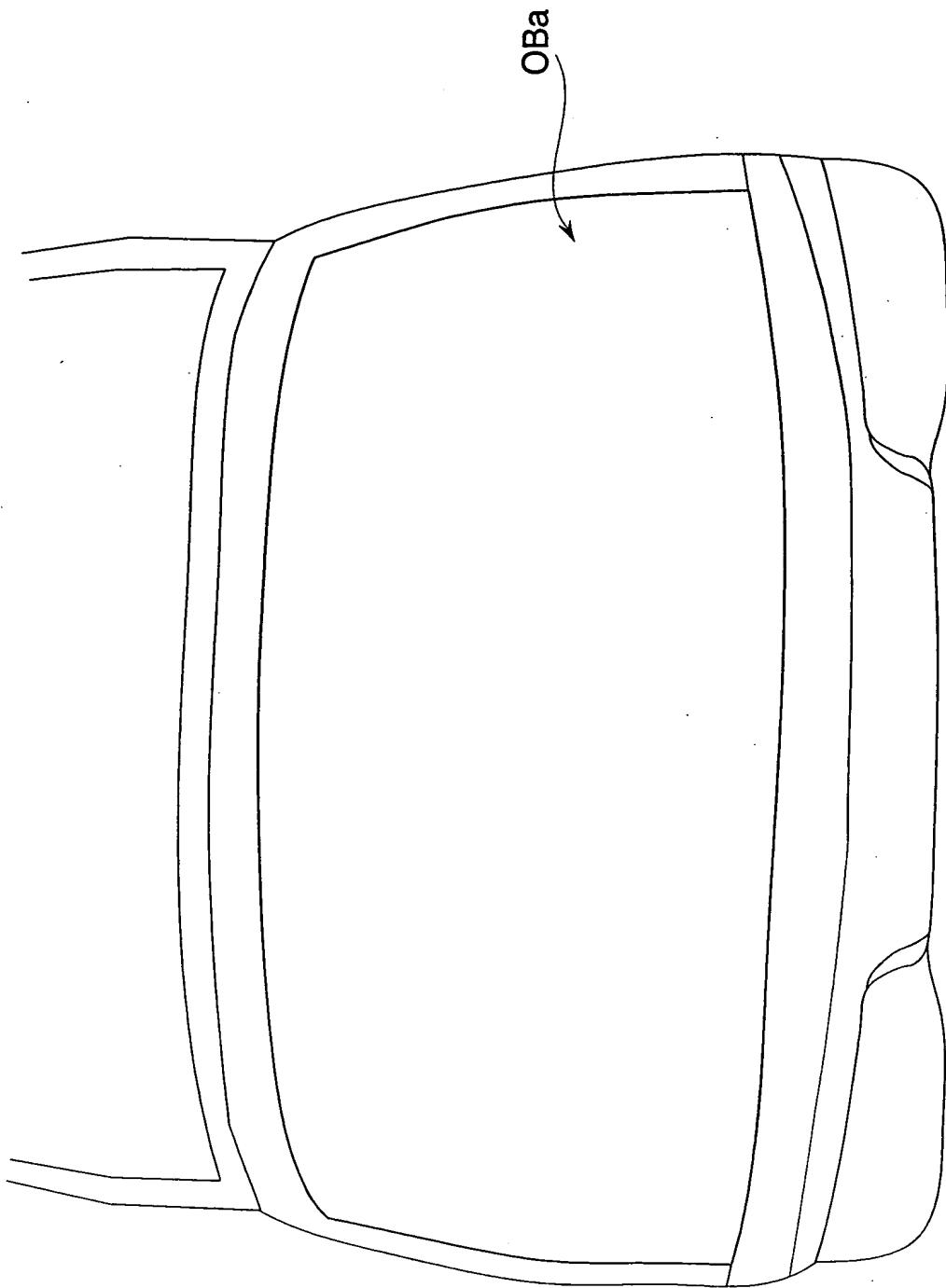
13/27

Fig. 13



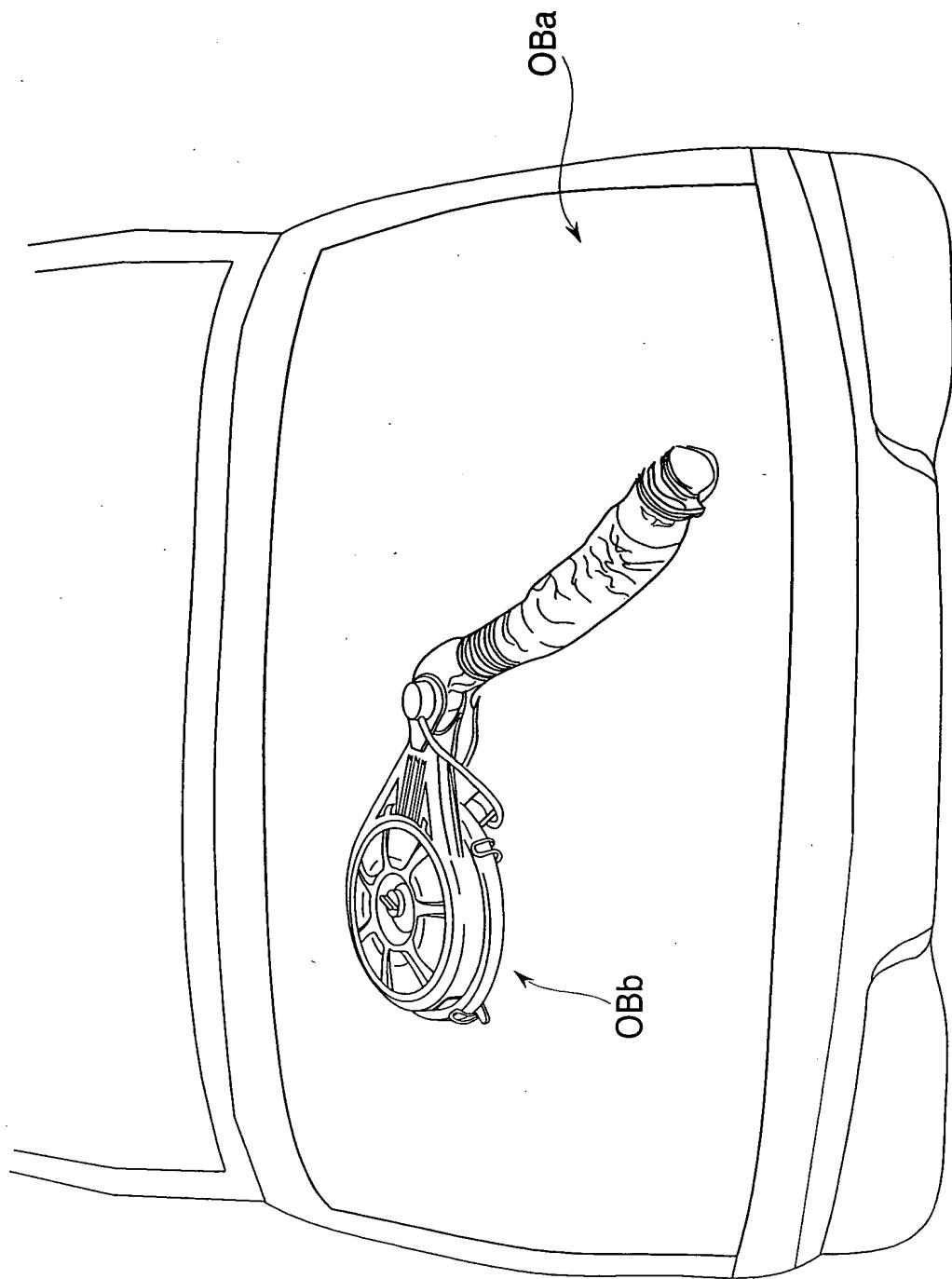
14/27

Fig.14



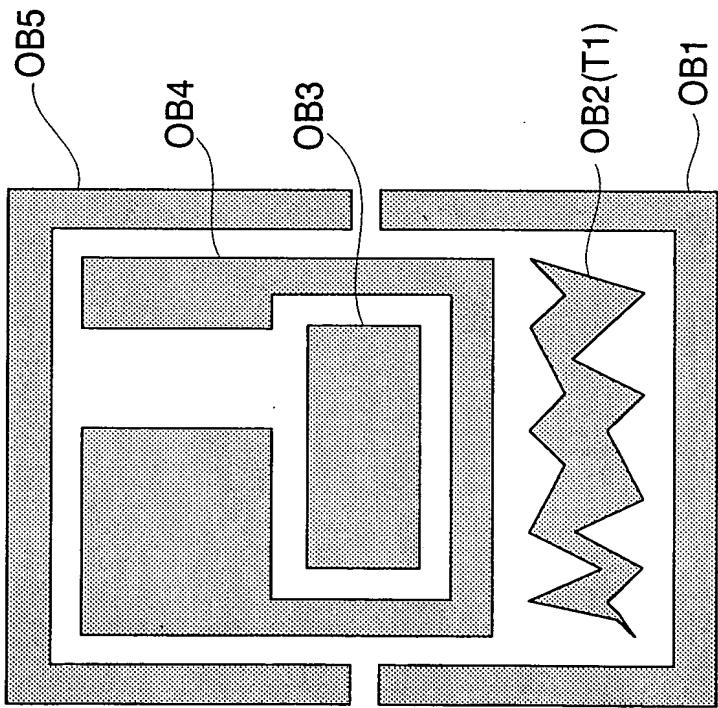
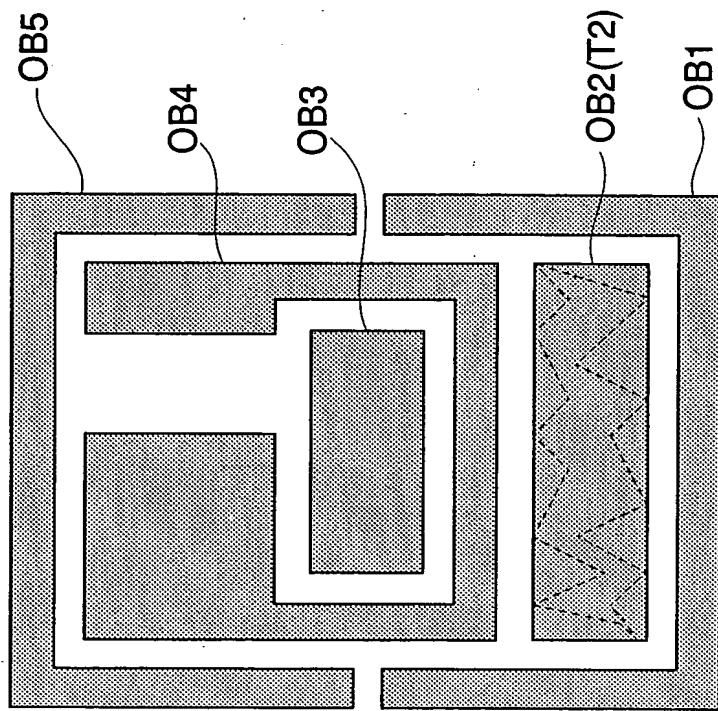
15/27

Fig.15



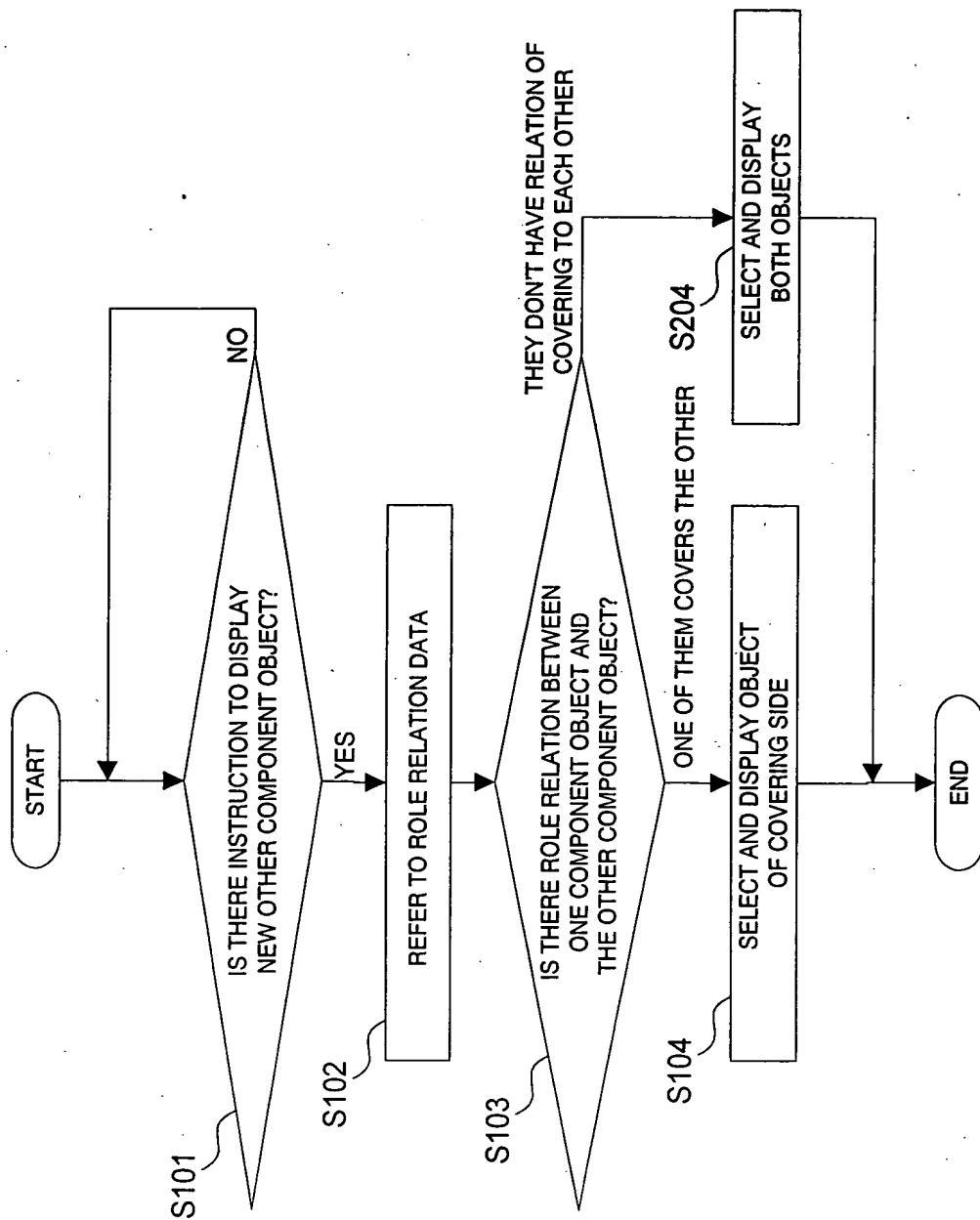
16/27

Fig. 16  
Fig. 17



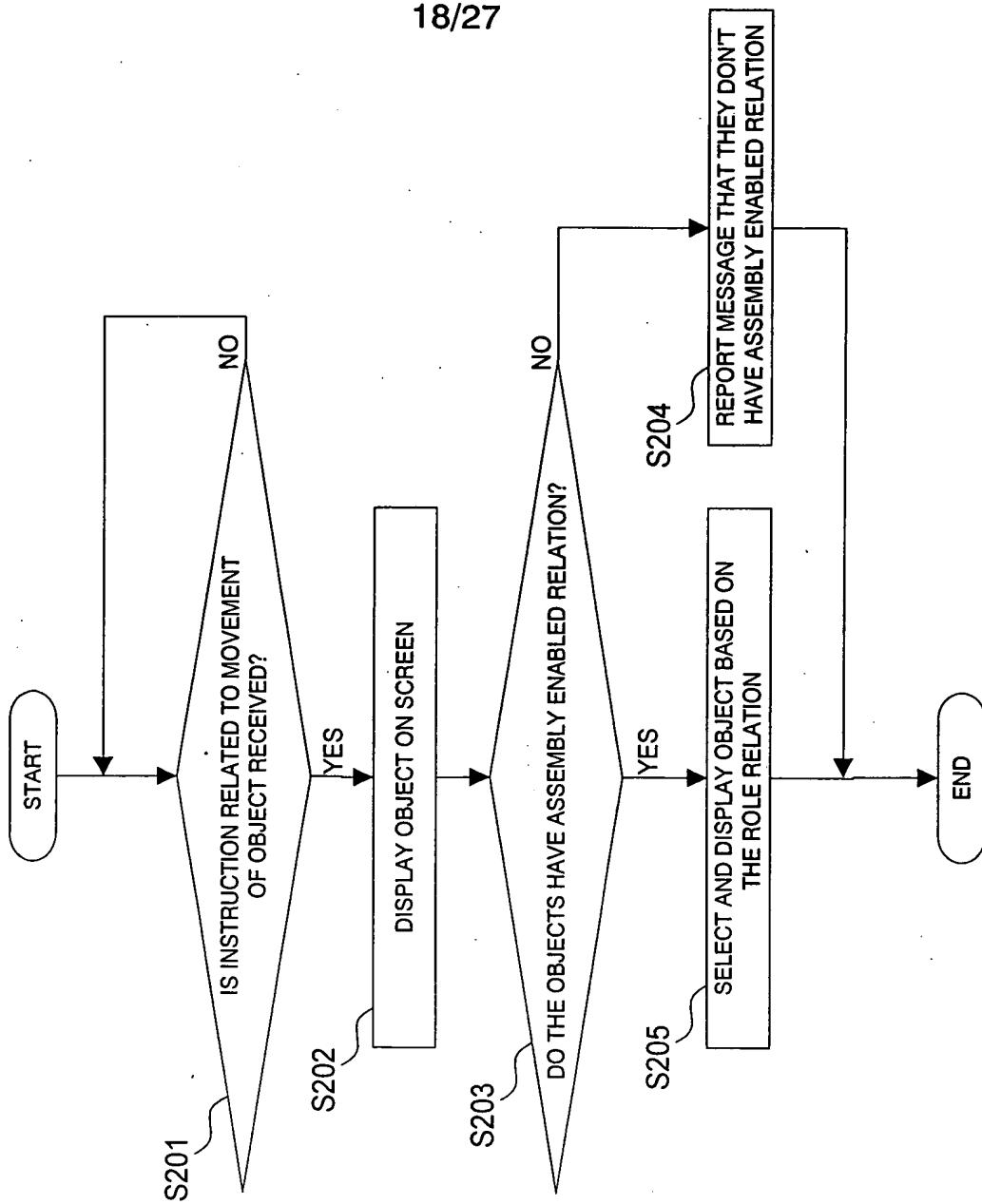
17/27

Fig.18



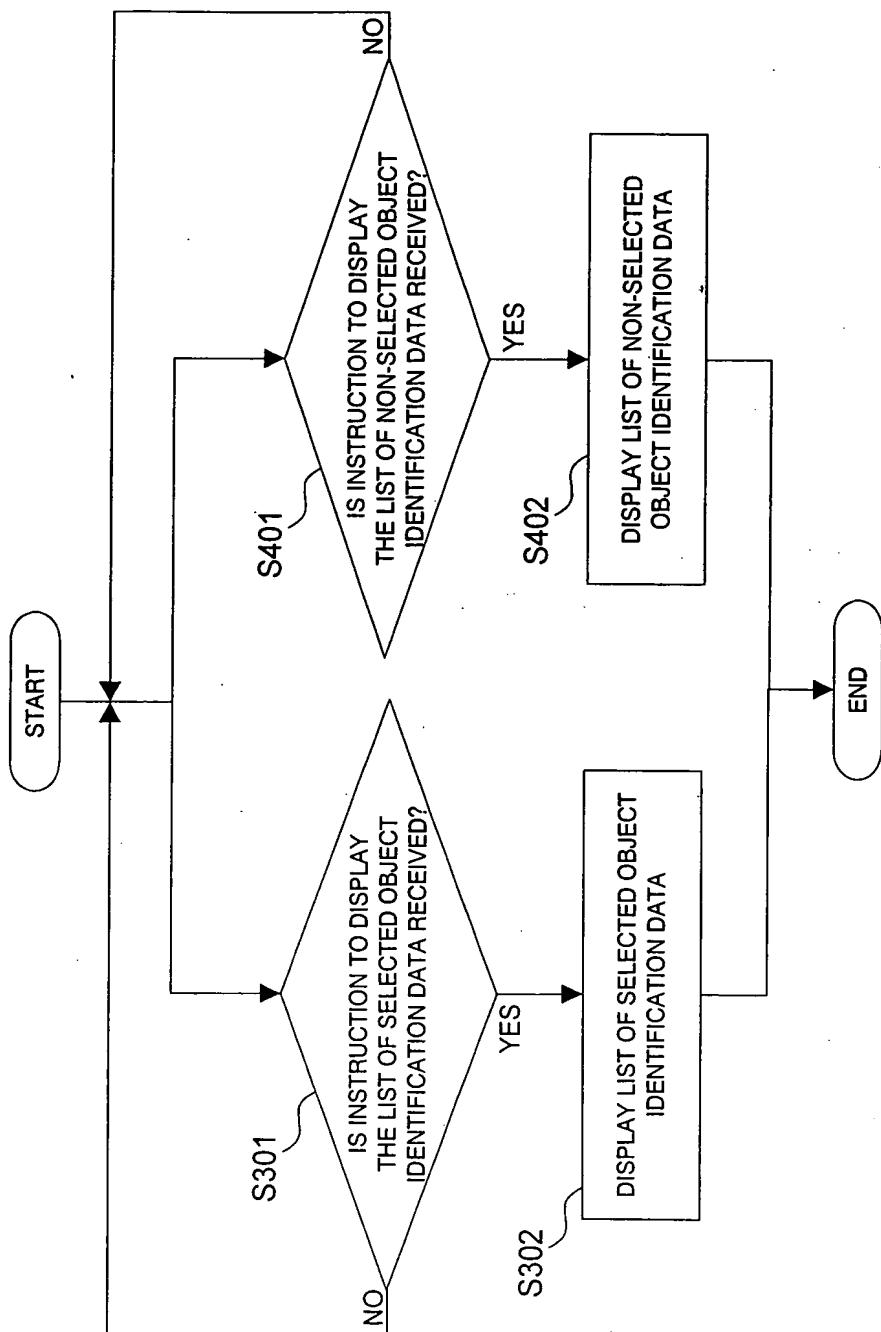
18/27

Fig. 19



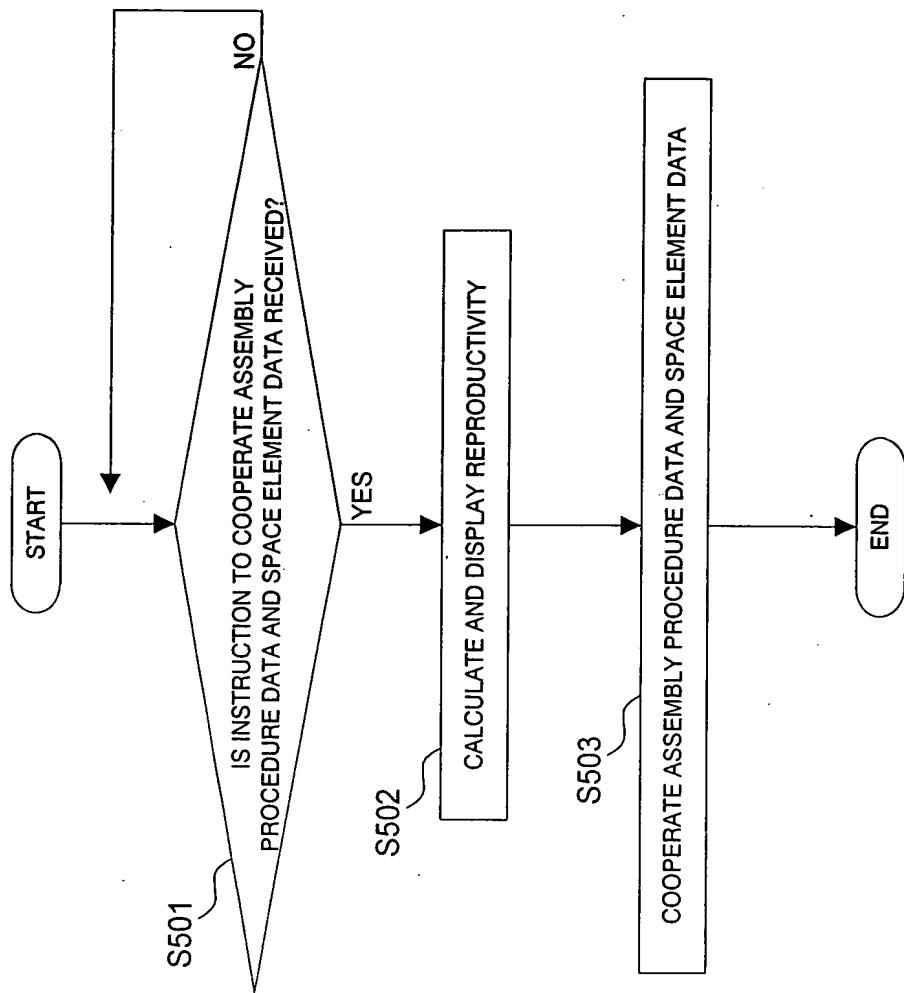
19/27

Fig.20



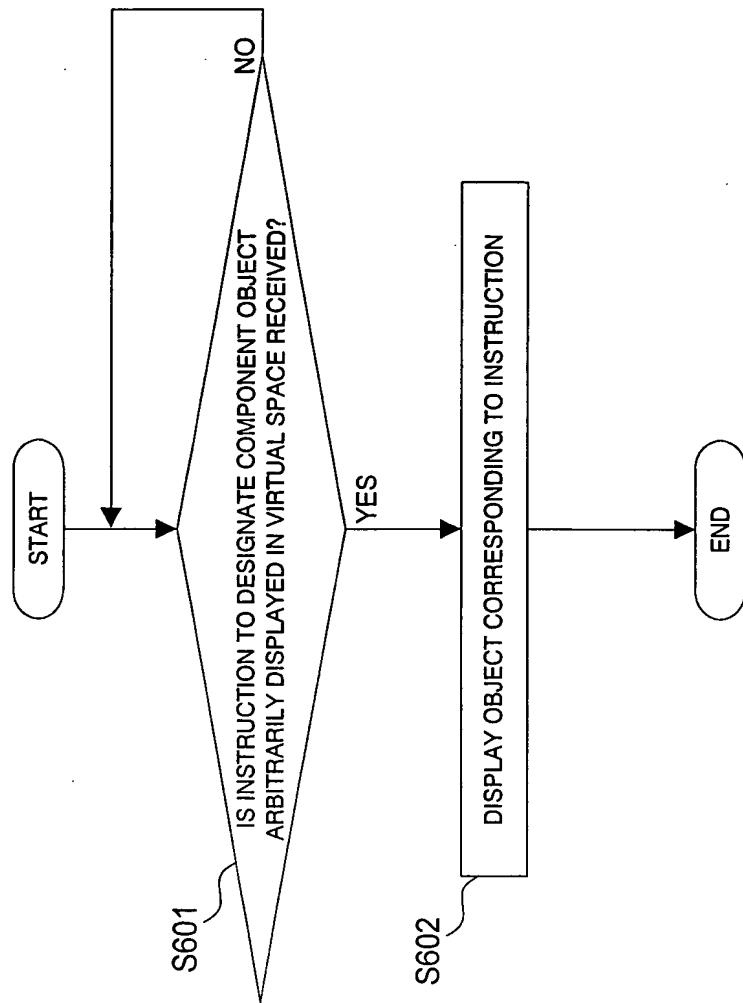
20/27

Fig.21



21/27

Fig.22



22/27

Fig.23

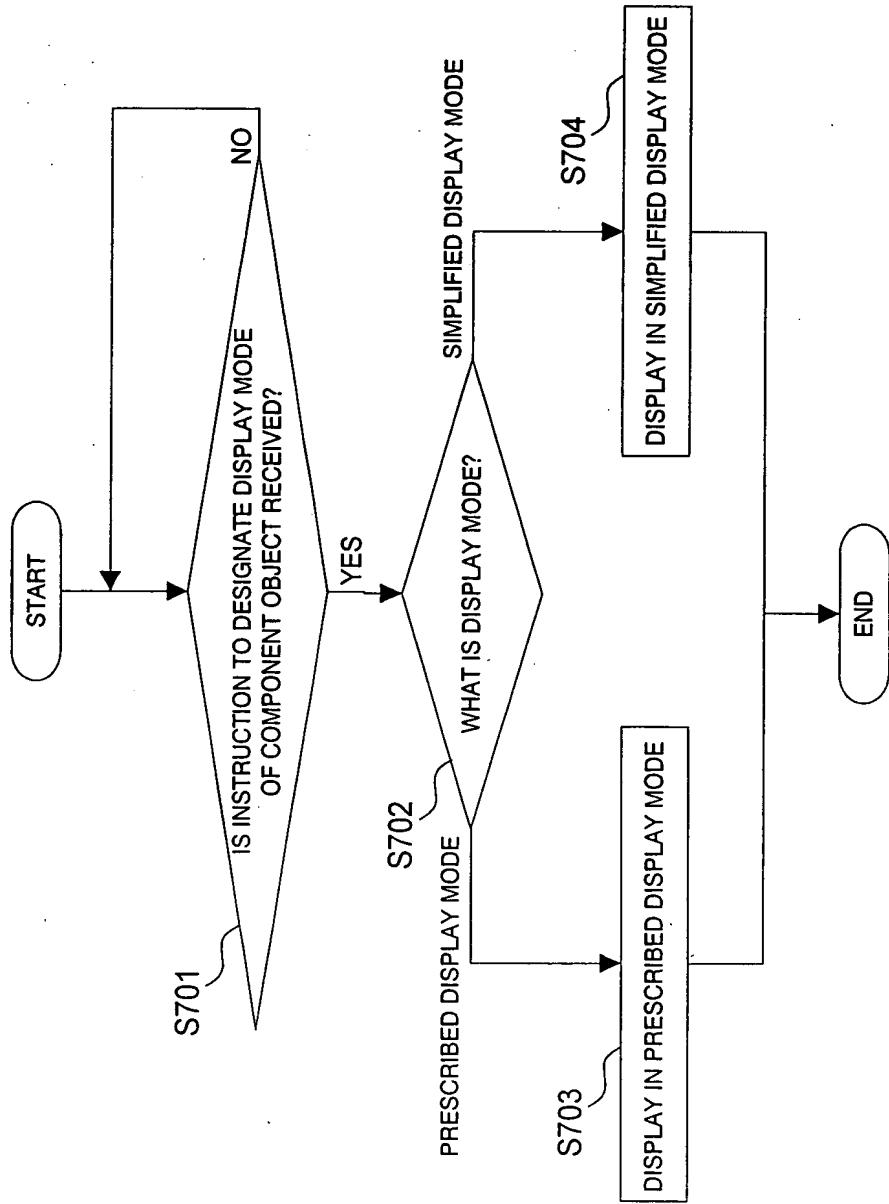
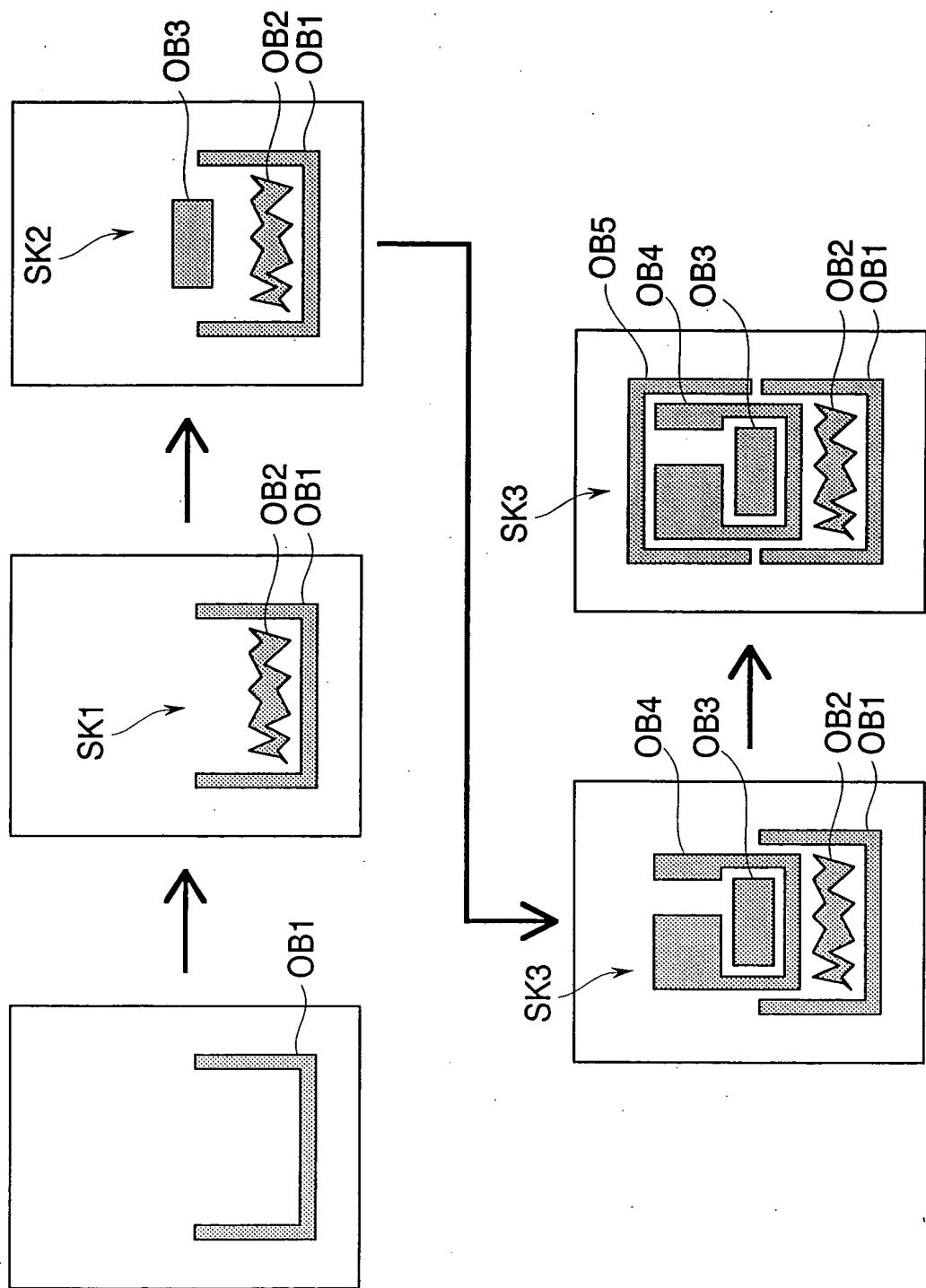


Fig.24



24/27

Fig.25

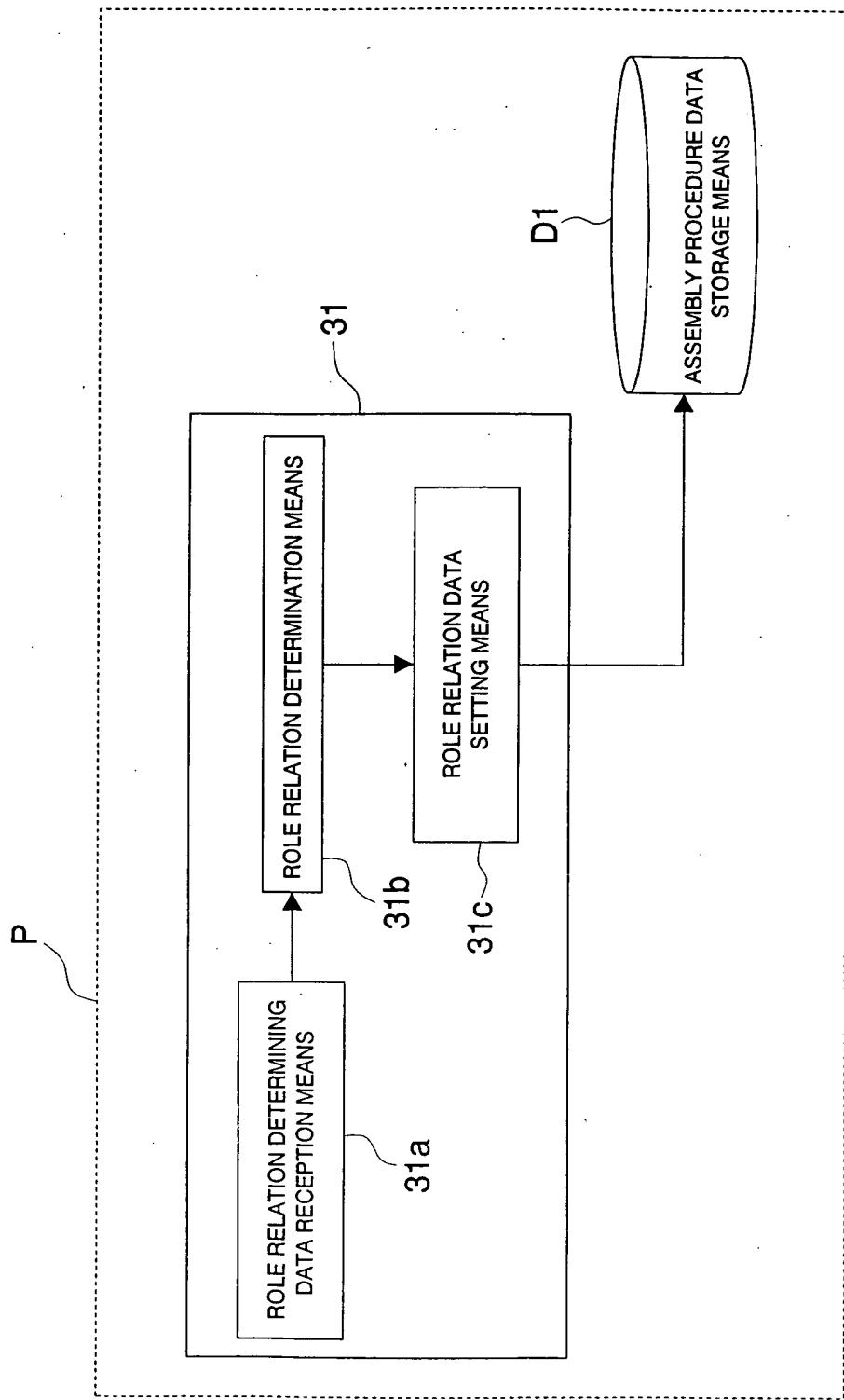


Fig.26

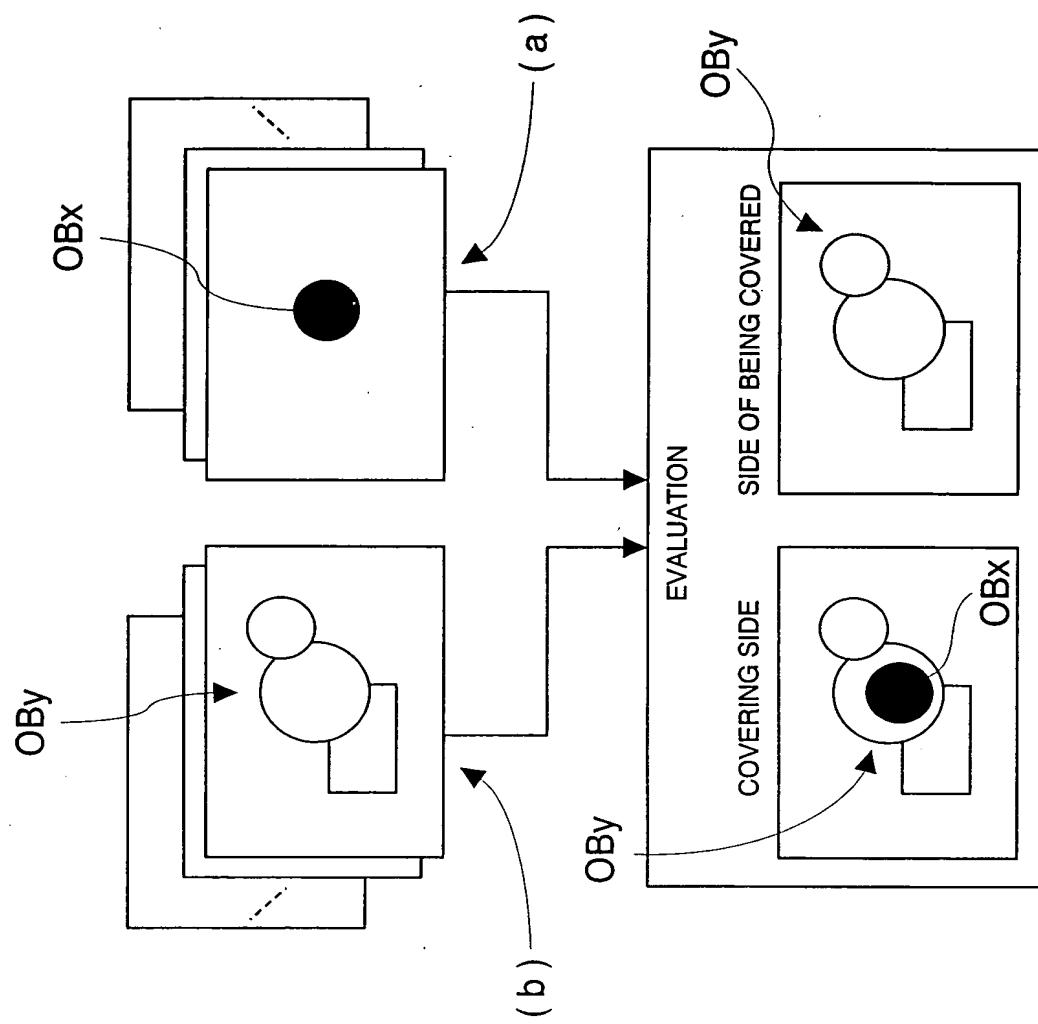
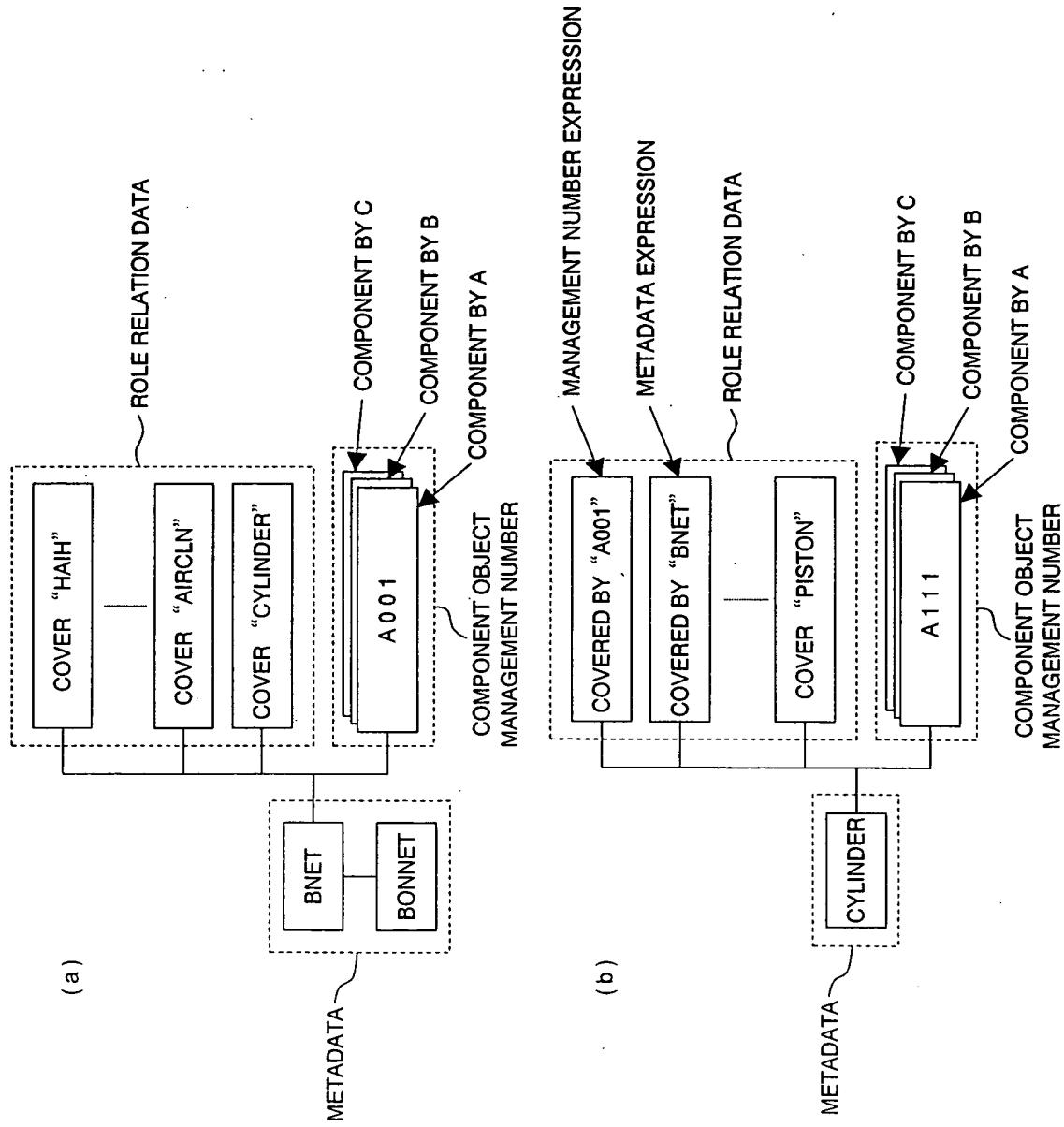


Fig.27



27/27

Fig.28

